SEQUENCE LISTING

<110> Hanna, Michelle

<120> Molecular Detection Systems Utilizing Reiterative Oligonucleotide Synthesis

<130> 2072.0010000

<140> US 09/984,664

<141> 2001-10-30

<160> 17

<170> PatentIn version 3.0

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<212> DNA

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<222> (4)..(6)

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<222> (15)..(16)

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nngnnnaaan gggtnnggag ngantngtna   30

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<221>   misc_feature

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<223>   methylation

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<221>   misc_feature

<222>   (4)..(6)

<223>   n is uracil

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<222>   (10)..(10)

<223>   methylation

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<222>   (15)..(16)

<223>   n is uracil

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<221>   misc_feature

<222>   (24)..(24)

<223>   n is uracil

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<222>   (26)..(26)

<223>   methylation

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<222>   (29)..(29)

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<222> (15)..(16)

<223> n is uracil

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<222>   (10)..(23)

<223>   n is any nucleotide of a, g, t or c


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<222>   (10)..(23)

<223>   nucleotide residues may be between 8 and 14 n's in length
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<212>   DNA

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<220>

<223>   target site probe
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<210>   9
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<220>
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atttaggtga cactatagaa g                                          21


<210>   11
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<212>   DNA
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<220>
<223>   telomerase capture probe
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<210>   12
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<213>   Artificial

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<220>

<223>   telomerase capture probe

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<223>   complementary probe

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<223>   n is uracil

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<222> (13)..(13)

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ccattttta aaacgtagta catgtttttg ataagcttaa aaagtagtag tcacaggaaa   180

aattagaact tttacctcct tgcgcttgtt atactcttta gtgctgttta acttttcttt   240

gtaagtgagg gtggtggagg gtgcccataa tcttttcagg gagtaagttc ttcttggtct   300

ttctttcttt ctttctttct tttttcttg agaccaagtt tcgctcttgt ctcccaggct   360

ggagtgcaat ggcgcgatct cggctcactg caacctccgc cttctcctgg gttcaagcga   420

ttctcctaca tcagcctccg agtagctggg attacaggca tgcgccacca gccccgcta   480

attttgtatt ttttagtaga gacagggttt cgccatgttg gtcaggcttg tctcgaactc   540

ctggcctcag gtgatccgcc tgtctcggcc tcccagaatg ctgggattat agacgtgagc   600

caccgcatcc ggactttcct tttatgtaat agtgataatt ctatccaaag catttttttt   660

ttttttgag tcggagtctc attctgtcac ccaggctgga gggtggtggc gcgatctcgg   720

cttactgcaa cctctgcctc ccgggttcaa gcgattctcc tgcctcagcc tcctgagtag   780

ctggaattac acacgtgcgc caccatggcc agctaatttt tgtattttta gtagagacgg   840

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aacaggtatt agcttaggat gtgtggcact gttcttaagg cttatatgta ttaatacatc   1080

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cgctaagtgc tcggagttaa tagcacctcc tccgagcact cgctcacggc gtccccttgc   2040

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ccggggtcgg gtagaggagg tgcgggcgct gctggaggcg ggggcgctgc ccaacgcacc   2340

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tctccggaaa aaggggaggc ttcctgggga gttttcagaa ggggtttgta atcacagacc   2520

tcctcctggc gacgccctgg gggcttggga agccaaggaa gaggaatgag gagccacgcg   2580

cgtacagatc tctcgaatgc tgagaagatc tgaagggggg aacatatttg tattagatgg   2640

aagtatgctc tttatcagat acaaaattta cgaacgtttg ggataaaaag ggagtcttaa   2700

agaaatgtaa gatgtgctgg gactacttag cctccaattc acagatacct ggatggagct   2760
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taatcccttc actttgggag atcaaggcgg ggggaatcac ctgaggtcgg gagttcgaga    2940

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ggtggcaggc gcctgtaatc ccagctactc gggaggttga ggcaggagaa tcgcttgaac    3060

ccgggaggct gaggttgtag tgaacagcga gatggagcca cttcactcca gcctgggtga    3120

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aggaacttag gaaataatga gccacattca tgtgatcatt ccagaggtaa tatgtagtta    3300

ccatttgggg aatatctgct aacatttttg ctcttttact atctttagct tacttgatat    3360

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cctactcctg ttttgtgagg gagttagggg aggatttaaa agtaattaat acatgggtaa    3480

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ctgg                                                                 64


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